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The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

*Mass.*

TRUSTEES OF THE GRAFTON  
STATE HOSPITAL *at North*

*Grafton and Worcester, Mass.*

FOR THE

YEAR ENDING NOVEMBER 30, 1925

DEPARTMENT OF MENTAL DISEASES



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# OFFICERS OF THE HOSPITAL

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HIRAM L. HORSMAN, M.D.....	<i>Assistant Superintendent</i>
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JAMES L. McAUSLAN, M.D.....	<i>Senior Assistant Physician</i>
BUELL L. ASHMORE, M.D.....	<i>Senior Assistant Physician and Pathologist</i>
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CHARLES F. LAFLEUR, M.D.....	<i>Assistant Physician</i>
GEORGE O. TESSIER, D.M.D.....	<i>Dentist</i>
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SUSIE G. WARREN.....	<i>Treasurer</i>

## CONSULTING SURGEON

LEMUEL F. WOODWARD, M.D.....	Worcester
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## The Commonwealth of Massachusetts TRUSTEES' REPORT

*To His Excellency the Governor and the Honorable Council:*

The Trustees of the Grafton State Hospital present herewith the forty-eighth annual report with the Superintendent's and Treasurer's reports appended.

The past year has been one of continued progress at the Hospital. The health of the patients has been good and their interests have been well looked after. No serious accidents have occurred and there have been very few escapes.

Occupational therapy has become an important and attractive activity, and there are very few patients who have not taken an interest in some form of it. Picnics have been held at seasonable times, entertainments, moving pictures and dances have been provided regularly for their amusement and they have apparently derived much benefit and enjoyment from them.

Absence from restraint in the care of patients has been noted constantly in the Superintendent's monthly report, and we point with pride to another year of this enviable record.

Trained hydrotherapists have been on duty at all times to the great advantage of the patients.

The School Clinic has continued its good work in its district.

The Hospital grounds have been improved to such an extent that it is difficult to realize that they were in so wretched a condition a few short years ago. Roads have been built where rough paths existed, dangerous curves have been eliminated, extensive grading has been completed and fields cleared of rock and brushwood where beautiful lawns now present an attractive appearance. Flowers and shrubbery have been planted, orchards of young apple trees have been set out, a tennis court for the nurses has been provided and many notable improvements made.

The stone viaduct bridging the valley at the Willows Group, the commencement of which was mentioned in our last report, was completed for its dedication in May. The members of the Hospital Trustees Association of Massachusetts were our guests on that occasion holding their semi-annual meeting with us at that time.

This viaduct represents a gigantic work that was done almost entirely by patient

labor. Rocks that were cleared from the fields and carted by farm teams during cold weather, when otherwise they would have been idle, were used in the construction of this great undertaking. It is made of solid rock fill 320 feet long and 30 feet wide, with a five-foot concrete walk and a fence of the same material. With its four ornamental street lights it presents the appearance of a Metropolitan Boulevard. Continuing therefrom is a reinforced concrete road 1,000 feet long and 20 feet wide making a splendid service road from the railroad bridge to the Willows Group, and to the various buildings located between them. This is certainly a monument to Dr. Paine and great credit is due him for the courage to undertake and the ability and endurance to persevere in so enormous a project.

The much needed subways have been under construction and the Pines subway will be ready for service during the winter months when its convenience and protection will be greatly appreciated, both by the patients and those in charge of them.

The farm has continued its exceptional record and despite the bad year 5,128 bushels of potatoes were produced.

Grafton State has a promising herd and an Accredited Herd Certificate was received in May.

Many organizations have visited the Hospital during the year, among them the Grafton Woman's Club and the Worcester District Medical Society, the latter holding its October meeting when Dr. Allan Winter Rowe gave an instructive lecture.

In the Superintendent's report which is appended will be found a list of the things requested for which we hope an appropriation will be made. The Chapel and Assembly Hall is among them.

We wish to express our sincere appreciation and gratitude to our esteemed Superintendent, Dr. Harlan L. Paine, and to his loyal co-workers whose splendid spirit of co-operation has achieved such notable results.

FRANK B. HALL,  
WINSLOW P. BURHOE,  
FRANCIS PRESCOTT,  
ERNEST L. ANDERSON,

MARGARET A. CASHMAN,  
FLORA M. CANGIANO,  
ENOS H. BIGELOW.

## SUPERINTENDENT'S REPORT

*To the Board of Trustees of the Grafton State Hospital:*

I respectfully present herewith the forty-eighth annual report for the year ending November 30, 1925, with the statistics relating to patients for the period of one year ending September 30, 1925.

### MOVEMENT OF THE POPULATION

The hospital year began October 1, 1924, with 1,431 patients in the hospital, 20 on visit, 7 on escape and 10 in family care, a total of 1,468. Seventy-three patients were admitted during the year; twenty-eight of these were directly committed from the community.

### MEDICAL WORK

Our Medical Staff has remained unchanged throughout the year, and this has been of great advantage to all our patients.

During the summer months two internes, Guy C. Pesce and James M. Scribner, students from Tufts Medical School, gave us faithful and conscientious service.

During the year a complete physical examination and urine examination was done on each patient. Notes were made on all patients at least once every three months. No restraint was used in this hospital during the past year. The hours of seclusion were kept down so that it was largely confined to demented patients whose mania for breaking glass we have thus far been unable to control.

Trained hydrotherapists have been on duty at all times.

The School Clinic has continued to function as needed by our district.

During the year we received the following transfers of patients: February 16,



8 from Westboro State Hospital; March 12, 17 from Taunton State Hospital; March 17, 18 from Danvers State Hospital; October 16, 40 from Taunton State Hospital; November 17, 48 from Boston State Hospital. The last two transfers are not counted in our statistical year.

Dr. Rebekah H. Wright spent the month of May at the hospital giving instruction in Hydrotherapy to our doctors and attendants.

During the summer every patient and employee was inoculated with typhoid vaccine.

Two lieutenants in the State Fire Inspection Service spent two weeks here during the month of May and inspected every building.

The Hospital Trustees Association held their semi-annual meeting here at the hospital on May 28, 1925.

The Worcester District Medical Society held their monthly meeting here on October 14, 1925.

The Dentist has continued to function and his work has proved of great benefit to our patients and we have added the duty of routine cleansing of all plates. The dental report for the past year is as follows: Examinations, 199; cleaning, 205; cement and porcelain fillings, 46; amalgam, 19; treatments, 200; teeth extracted, 248; roots extracted, 63; dentures repaired, 31; dentures, new, 5; charts, 71.

#### OCCUPATIONAL THERAPY

On December 15, 1924, Miss Gladys Davenport was appointed Chief Occupational Therapist and has continued in this position throughout the year. On April 2, 1925, Miss Helen P. Derbyshire was appointed and resigned on July 1, 1925. On September 8, 1925, Miss Alice S. Allen was appointed and has continued in our service up to the present time. All these people are graduates of the Boston School of Occupational Therapy. In addition, Miss Davenport has had under her charge three attendants who have been trained in the hospital so that in addition to the work carried on in our Industrial room we have been able to carry the campaign directly to the wards, which has been of great benefit to our patients.

#### FARM AND GROUNDS

Special effort has been made to get our patients outdoors and, as last year, a large number of demented and semi-disturbed patients were allowed to work out in the rear of Elms Nurses' Home with two attendants where they did a great deal of work in levelling the hill, filling the swamp, and making a lawn in the rear of Officers' Cottage and Male Nurses' Home. It is interesting to note that we were able to graduate from this group a small number of patients to work on the farm—work requiring much more intelligence and skill than these patients manifested a year ago.

Early in July this large group of demented male patients was set to work in the Pines Group excavating for our tunnels and roads; they have worked right up to the end of the year excavating and grading. This large group of demented patients worked for several months digging the excavation for the tunnel between Pines A and B since it was necessary to dig down 20 feet in a very hard type of soil. In order to keep our service road as level and straight as possible, we had to do a great deal of digging in the vicinity of Pines A and filling in the vicinity of the Laundry Building.

During the winter our teams and male patients from the Oaks Group, under the direction of Mr. Hilkey Conrad, supervisor, continued to work on the stone viaduct across the Pines and Willows valley. Rock was drawn from the fields as they were cleared and deposited there, so that we have a solid rock fill 320 feet long, 30 feet wide, from 8 to 16 feet high. A Massachusetts standard road surface has been applied, using 95% asphalt. On each side we cast a concrete curb reinforced with four old discarded pipes. On this curb is a good-looking concrete fence designed by Mr. Walter E. Boyd, engineer for the Department of Mental Diseases. On the east side is a five-foot concrete sidewalk. There are four ornamental street lights with underground wiring. On May 25, 1925, at a meeting of the State Hospital Trustees Association the road was appropriately dedicated, a copper box filled with records being placed by Mr. Hall in the base of a monument designed by Mr. Boyd as a portion of the fence.

The State appropriated \$1,500 for roads, and with this money we have provided

a service road from the railroad bridge to the Willows Group. This road, for the first thousand feet, is reinforced concrete 20 feet wide and for the next 320 feet is a stone viaduct across the Pines and Willows valley as mentioned before. This provides us with a perfect road surface to furnish service to the Store, Laundry Building, Women's Hospital and Willows Group, and enables us to quickly reach these places in case of fire or other trouble. It takes the place of the only road we had there, which was a "cart-path," dangerous, winding and narrow, in some places only eight feet wide, in close proximity to buildings and unsurfaced.

This cement road was constructed under my personal supervision with that of Mr. Conrad, supervisor of the Oaks Group, and the help of Special Attendants that could be spared from the grounds and farm — occasionally a mason was used.

We have continued to carry on our program of beautifying the hospital grounds. A great deal of work has been done. The old power house at the Elms Group has been torn down and the pipes put in a cement tunnel. Fifty evergreen trees, eight feet tall, have been set out near Elms A.

Foundation planting of shrubs made about Steward's Cottage.

One hundred fifty apple trees set out to start a new orchard on northern side of hill beyond the Red Bridge.

A nursery of shrubs has been started.

A cement sidewalk from Administration Building to Employees' Cottage.

Maple trees set out in front of Administration Building.

A large amount of work done in grading about entrance of road to farm group near the Employees' Cottage.

A tennis court made in rear of Pines Nurses' Home for the use of the nurses.

A large amount of grading has been done in the Elms quadrangle, in the space between Elms D and the Service Building and in the space between Pines Nurses' Home and the Laundry Building.

It was not necessary to purchase potatoes this year. Although this was a bad year for potatoes, we produced 5,128 bushels.

In May, 1925, we received our "Accredited Herd Certificate."

#### REPAIRS AND RENEWALS

All roofs were put in proper condition for the winter, 4,800 snow guards installed at dangerous places.

The old stone crusher was returned to the hospital and placed in working order.

The Steward's House was completed and occupied in April.

Six hundred seventy-four feet of 6-inch water pipe with three hydrants was installed to protect the barns and Steward's House.

The railroad bridge was repaired, many new girders installed and a new floor laid. The bridge was also painted.

The Dairy was plastered, and metal lathing installed.

Two hand stokers installed in boilers.

The following buildings have been painted: Pines C Dormitory; Pines Service Building, outside; Pines A, outside; Pines D, outside; Oaks B, C and Service Building, inside and outside; Pines Nurses' Home, inside and outside; Storehouse; Bake Shop; Bungalow, outside; Laundry Building, inside; Elms A1 and 2, inside; Locust Cottage; Willows Nurses' Home, inside and outside; Willows Service Building.

Work on underground high tension lines was continued during the year and 400 feet of telephone cable was put underground at Employees' Cottage.

The piggery was covered with metal lathing and then plastered so that the building is safe to use in winter.

Automatic sprinklers were installed in our clothing rooms at Elms A.

A ceiling in the mangle room of the Laundry was installed.

The old pig house at the Oaks Group was made into a building for the storage of lime.

The concrete work for the manure pit was done at the Farm Group.

The Locust Cottage was reconstructed and made into a tenement for one family on the first floor and five rooms for employees on the second floor.

Guards were installed on lower floor windows of the Willows Nurses' Home and Willows Farm House.

Six thousand dollars was appropriated for tunnels in the Pines Group and while this is a very small sum of money for this purpose, we had at the end of our fiscal year constructed, but without floors, 220 feet of tunnel between Pines A and B, 80 feet of tunnel connecting the main tunnel with the Pines Service Building and 150 feet between Pines B and C. Part of the walls and all the base between C and D. We intend and hope to be able to have this tunnel functioning as soon as possible so that it will be of use this winter. These tunnels are 6 feet wide and 7 feet 3 inches high.

#### IMPROVEMENTS RECOMMENDED

This institution is in need of many things and most of these were asked for in our budget under Repairs and Renewals and Special Appropriations.

I will only note a few of the things requested:

Automatic fire extinguishers for Laundry Building to protect our Power Plant from destruction by fire starting in this connecting building.

Insulated food containers for Pines, Willows and Elms Groups.

Purchase of Sinclair Farm.

House for Assistant Physician.

Recreation Hall and Chapel.

Silo for Farm Group.

Subway at Elms Group.

Valve reseating outfit.

Sewer connection to care for Laundry Building.

Concrete walk — Willows Dormitory to Service Building.

New sidewalk — Pines Group to Administration Group.

Bridge and cement sidewalk to be attached to present bridge.

Grain Room, toilet, etc. — Hay Barn.

In addition to regular dances, moving pictures and picnics, special entertainments were given by both home talent and outside organizations.

#### CONCLUSIONS

In closing, I wish to thank the members of the Board of Trustees for their support and time which has been given so freely to the great advantage of our patients.

I also wish to thank the staff and employees of the hospital for their loyalty and splendid service throughout the year.

Respectfully submitted,

HARLAN L. PAINE, M.D.

## TREASURER'S REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1925.

## CASH ACCOUNT

<i>Income</i>	<i>Receipts</i>	
Board of Patients .....		\$11,611.62
Personal Services:		
Reimbursement from Board of Retirement .....		182.12
Sales:		
Food .....	\$2,864.69	
Clothing and materials .....	153.52	
Furnishings and household supplies .....	42.20	
Medical and general care .....	4.50	
Heat, light and power .....	3.00	
Farm:		
Cows and calves .....	\$125.77	
Hides .....	69.39	
Vegetables .....	140.00	
Milk .....	398.90	
	<u>734.06</u>	
Garage, stable and grounds .....	8.16	
Repairs, ordinary .....	240.45	
	<u>4,050.58</u>	
Total sales .....		4,050.58
Miscellaneous:		
Interest on bank balances .....	\$433.40	
Rent .....	1,206.90	
Sundries .....		1,640.30
	<u>\$17,484.62</u>	
Total income .....		\$17,484.62

## MAINTENANCE

Balance from previous year, brought forward .....	\$17,318.88
Appropriations, current year .....	533,045.00
Total .....	\$550,363.88
Expenses (as analyzed below) .....	537,052.47
Balance .....	\$13,311.41

## Analysis of Expenses

Personal services .....	\$255,476.39
Religious instruction .....	1,413.80
Travel, transportation and office expenses .....	4,321.46
Food .....	92,269.67
Clothing and materials .....	18,850.62
Furnishings and household supplies .....	20,013.92
Medical and general care .....	16,608.95
Heat, light and power .....	57,594.89
Farm .....	29,671.14
Garage, stable and grounds .....	6,569.01
Repairs, ordinary .....	17,474.45
Repairs and renewals .....	16,788.17
Total expenses for maintenance .....	\$537,052.47

## SPECIAL APPROPRIATIONS

Balance December 1, 1924 .....	\$6,320.86
Appropriations for current year .....	12,000.00
Total .....	\$18,320.86
Expended during the year (see statement below) .....	\$5,703.50
Reverting to Treasury of Commonwealth .....	5,703.50
Balance November 30, 1925, carried to next year .....	\$12,617.36

OBJECT	Act or Resolve	Whole Amount	Expended during Fiscal Year	Total Expended to Date	Balance at End of Year
Water Supply .....	313 — 1917	\$105,000.00	—	\$104,459.34	\$540.66
Kitchen at Pines Group .....	126 — 1924	15,000.00	\$5,703.50	14,923.30	76.70
Horse barn .....	211 — 1925	8,000.00	—	—	8,000.00
Fire protection .....	347 — 1925	4,000.00	—	—	4,000.00
		<u>\$132,000.00</u>	<u>\$5,703.50</u>	<u>\$119,382.64</u>	<u>\$12,617.36</u>

Balance carried to next year .....

Total as above .....



PER CAPITA

During the year the average number of inmates has been 1,472.3.  
Total cost for maintenance, \$537,052.47.  
Equal to a weekly per capita cost of \$7.01. (52 weeks to year.)  
Receipt from sales, \$4,050.58.  
Equal to a weekly per capita of \$.05.  
All other institution receipts, \$13,434.04.  
Equal to a weekly per capita of \$.175.  
Net weekly per capita \$6.785.

Respectfully submitted,

SUSIE G. WARREN, *Treasurer.*

Total receipts and payments are in agreement with Comptroller's books of account.

JAMES C. McCORMICK, *Comptroller.*

VALUATION

NOVEMBER 30, 1925

REAL ESTATE

Land (908 acres).....	\$31,485.00
Buildings.....	1,436,527.15
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PERSONAL PROPERTY

Travel, transportation and office expenses.....	\$660.41
Food.....	21,976.59
Clothing and materials.....	25,629.26
Furnishings and household supplies.....	88,420.57
Medical and general care.....	8,481.85
Heat, light and power.....	21,804.63
Farm.....	34,280.59
Garage, stable and grounds.....	4,379.48
Repairs.....	20,497.12
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SUMMARY

Real estate.....	\$1,468,012.15
Personal property.....	226,130.50
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\$1,694,142.65

STATISTICAL TABLES

AS ADOPTED BY AMERICAN PSYCHIATRIC ASSOCIATION  
PRESCRIBED BY MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. — *General Information*

1. Date of opening institution, Oct. 23, 1877.			
2. Type of institution, State.			
3. Hospital plant:			
Real estate, including building.....			\$1,468,012.15
Personal property.....			226,130.50
Total.....			<hr/>
Total acreage, 908.			\$1,694,142.65
Acreage under cultivation, 187.25.			
4. Medical service:	Men	Women	Total
Superintendent.....	1	—	1
Assistant superintendent.....	1	—	1
Assistant physicians.....	4	1	5
Dentist.....	1	—	1
	<hr/>	<hr/>	<hr/>
	7	1	8
5. Employees:			
Graduate nurses.....	1	15	16
Other nurses and attendants.....	65	52	117
Social worker.....	—	1	1
All other employees.....	79	72	151
	<hr/>	<hr/>	<hr/>
	145	140	285
6. Percentage of patients employed during year.....	59	49	54

TABLE 2. — *Financial Statement*

See treasurer's report for data requested under this table.





TABLE 4. — *Nativity of First Admissions, and of Parents of First Admissions*

	Patients			Parents of Male Patients			Parents of Female Patients		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
United States . . . . .	7	8	15	3	3	6	2	1	3
Canada . . . . .	—	3	3	1	1	2	3	4	7
Finland . . . . .	—	—	—	1	—	1	—	—	—
Ireland . . . . .	—	—	—	1	1	2	2	2	4
Italy . . . . .	2	—	2	2	2	4	1	1	2
Sweden . . . . .	1	—	1	1	1	2	—	—	—
Austria . . . . .	—	1	1	—	—	—	1	1	2
Germany . . . . .	—	—	—	—	—	—	1	—	1
Unascertained . . . . .	—	—	—	1	2	3	2	3	5
Total . . . . .	10	12	22*	10	10	20	12	12	24

\* Includes one male committed after October 1 from Temporary Care of 1923-1924.

TABLE 5. — *Citizenship of First Admissions*

	M.	F.	T.
Citizens by birth . . . . .	7	8	15
Citizens by naturalization . . . . .	1	—	1
Aliens . . . . .	2	4	6
Total . . . . .	10	12	22*

\* Includes one male committed after October 1 from Temporary Care of 1923-1924.

TABLE 6. — *Psychoses of First Admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
Epileptic . . . . .	—	—	—	9	9	18
With deterioration . . . . .	4	9	13	—	—	—
Clouded states . . . . .	3	—	3	—	—	—
With psychosis . . . . .	2	—	2	—	—	—
Without psychoses . . . . .	—	—	—	—	1	1
Mental deficiency . . . . .	—	1	1	—	—	—
With cerebral syphilis . . . . .	1	—	1	1	—	1
Undiagnosed . . . . .	—	1	1	—	1	1
Paranoia . . . . .	—	1	1	—	1	1
Total . . . . .	10	12	22*	10	12	22

\* Includes one male committed after October 1 from Temporary Care of 1923-1924.

TABLE 7. — *Races of First Admissions, Classified with Reference to Psychoses*

RACE	TOTAL			EPILEPTIC			WITHOUT PSYCHOSIS			WITH CEREBRAL SYPHILIS			UNDIAGNOSED			PARANOLIA		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African . . . . .	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
English . . . . .	1	6	7	1	5	6	—	1	1	—	—	—	—	—	—	—	—	—
Finnish . . . . .	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Irish . . . . .	3	3	6	3	3	6	—	—	—	—	—	—	—	—	—	—	—	—
Italian . . . . .	2	1	3	2	1	3	—	—	—	—	—	—	—	—	—	—	—	—
Scandinavian . . . . .	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic . . . . .	1	1	1	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—
Mixed . . . . .	1	1	2	—	—	—	—	—	—	1	—	1	—	—	—	—	1	1
Total . . . . .	10	12	22*	9	9	18	—	1	1	1	—	1	—	1	1	—	1	1

\* Includes one male committed after October 1 from Temporary Care of 1923-1924.

TABLE 8. — *Age of First Admissions, Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			10-14 YEARS			15-19 YEARS			20-24 YEARS			25-29 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic.....	9	9	18	—	1	1	2	3	5	2	1	3	2	2	4
Without psychosis.....	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
With cerebral syphilis.....	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
Undiagnosed.....	—	1	1	—	—	—	—	—	—	—	—	—	—	1	1
Paranoia.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
	10	12	22*	—	1	1	3	4	7	2	1	3	2	3	5

\* Includes one male committed after October 1 from Temporary Care of 1923-1924.

TABLE 8. — *Age of First Admissions, Classified with Reference to Principal Psychoses*  
— Concluded

PSYCHOSES	30-34 YEARS			35-39 YEARS			40-44 YEARS			OVER 70 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic.....	1	1	2	2	—	2	—	1	1	—	—	—
Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—
With cerebral syphilis.....	—	—	—	—	—	—	—	—	—	—	—	—
Undiagnosed.....	—	—	—	—	—	—	—	—	—	—	—	—
Paranoia.....	—	—	—	—	—	—	—	—	—	—	1	1
	1	1	2	2	—	2	—	1	1	—	1	1

TABLE 9. — *Degree of Education of First Admissions, Classified with Reference to Psychoses*

PSYCHOSES	TOTAL			COMMON SCHOOL			HIGH SCHOOL			COLLEGE			ILLITERATE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic.....	9	9	18	6	7	13	1	1	2	1	1	2	1	—	1
Without psychosis.....	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
With cerebral syphilis.....	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Undiagnosed.....	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
Paranoia.....	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
	10	12	22*	7	10	17	1	1	2	1	1	2	1	—	1

\* Includes one male committed after October 1 from Temporary Care of 1923-1924.

TABLE 10. — *Environment of First Admissions, Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			URBAN			RURAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic.....	9	9	18	9	9	18	—	—	—
Without psychosis.....	—	1	1	—	1	1	—	—	—
With cerebral syphilis.....	1	—	1	1	—	1	—	—	—
Undiagnosed.....	—	1	1	—	1	1	—	—	—
Paranoia.....	—	1	1	—	1	1	—	—	—
	10	12	22*	10	12	22	—	—	—

\* Includes one male committed after October 1 from Temporary Care of 1923-1924.

TABLE 11. — *Economic Condition of First Admissions, Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			MARGINAL			DEPENDENT			COMFORTABLE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic . . . . .	9	9	18	9	8	17	—	—	—	—	1	1
Without psychosis . . . . .	—	1	1	—	1	1	—	—	—	—	—	—
With cerebral syphilis . . . . .	1	—	1	1	—	1	—	—	—	—	—	—
Undiagnosed . . . . .	—	1	1	—	1	1	—	—	—	—	—	—
Paranoia . . . . .	—	1	1	—	—	—	—	1	1	—	—	—
	10	12	22*	10	10	20	—	1	1	—	1	1

\* Includes one male committed after October 1 from Temporary Care of 1923-1924.

TABLE 12. — *Use of Alcohol by First Admissions, Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			ABSTINENT			TEMPERATE			INTEMPERATE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic . . . . .	9	9	18	5	8	13	3	1	4	1	—	1
Without psychosis . . . . .	—	1	1	—	1	1	—	—	—	—	—	—
With cerebral syphilis . . . . .	1	—	1	1	—	1	—	—	—	—	—	—
Undiagnosed . . . . .	—	1	1	—	1	1	—	—	—	—	—	—
Paranoia . . . . .	—	1	1	—	—	—	—	1	1	—	—	—
	10	12	22*	6	10	16	3	2	5	1	—	1

\* Includes one male committed after October 1 from Temporary Care of 1923-1924.

TABLE 13. — *Marital Condition of First Admissions with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			SINGLE			MARRIED		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic . . . . .	9	9	18	7	8	15	2	1	3
Without psychosis . . . . .	—	1	1	—	1	1	—	—	—
With cerebral syphilis . . . . .	1	—	1	1	—	1	—	—	—
Undiagnosed . . . . .	—	1	1	—	—	—	—	1	1
Paranoia . . . . .	—	1	1	—	1	1	—	—	—
	10	12	22*	8	10	18	2	2	4

\* Includes one male committed after October 1 from Temporary Care of 1923-1924.

TABLE 14. — *Psychoses of Re-admissions*

PSYCHOSES	Males	Females	Total
Epilepsy with deterioration . . . . .	2	—	2
Epilepsy, clouded states . . . . .	—	1	1
With cerebral syphilis . . . . .	—	1	1
	2	2	4



TABLE 15. — *Discharge of Patients, Classified with Reference to Principal Psychoses and Condition on Discharge.*

PSYCHOSES	TOTAL			IMPROVED			UNIMPROVED		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Dementia præcox.....	2	5	7	—	4	4	2	1	3
Epileptic.....	6	4	10	—	3	3	6	1	7
Mental deficiency.....	1	—	1	1	—	1	—	—	—
Manic-depressive.....	—	1	1	—	1	1	—	—	—
	9	10	19	1	8	9	8	2	10

TABLE 16. — *Causes of Death of Patients, Classified with Reference to Principal Psychoses*

CAUSE OF DEATH	TOTAL			SENILE			WITH CEREBRAL SYPHILIS			ALCOHOLIC			MANIC-DEPRESSIVE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
General diseases:															
Tuberculosis of the lungs.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Nervous system:															
Epilepsy.....	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
General paresis.....	—	1	1	—	—	—	1	1	—	—	—	—	—	—	—
Cerebral hemorrhage.....	1	1	2	—	—	—	—	—	1	—	1	—	—	—	—
Circulatory system:															
Acute myocarditis.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Chronic myocarditis.....	4	7	11	1	—	1	—	—	—	—	—	—	—	—	—
Chronic val. heart disease.....	1	3	4	—	—	—	—	—	—	—	—	—	—	—	—
Heart disease.....	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
Purpura hæmorrhagica.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Cardio-renal disease.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Sudden death (heart disease).....	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
Respiratory system:															
Pulmonary tuberculosis.....	3	11	14	—	—	—	—	—	—	—	—	—	1	1	—
Pulmonary oedema.....	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—
Lobar pneumonia.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Broncho-pneumonia.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Asphyxia during seizure.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Digestive system:															
General peritonitis.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Carcinoma of liver.....	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
Intestinal obstruction.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Carcinoma of stomach.....	1	1	2	—	—	—	—	—	1	—	1	—	—	—	—
Enteritis.....	—	1	1	—	—	—	—	—	—	—	—	—	1	1	—
Urinary system:															
Chronic interstitial nephritis.....	—	1	1	—	—	—	—	—	—	1	1	—	—	—	—
Carcinoma of breast.....	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
Sudden fracture of skull.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
	21	39	60	1	—	1	—	1	1	2	1	3	—	2	2

TABLE 16. — *Causes of Death of Patients, Classified with Reference to Principal Psychoses — Concluded*

CAUSE OF DEATH	INVOLUTION MELANCHOLIA			DEMENTIA PRECOX			EPILEPTIC			WITH MENTAL DEFICIENCY			UNDIAG- NOSED			WITHOUT PSYCHOSIS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
General diseases:																		
Tuberculosis of the lungs.	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas . . . . .	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Nervous system:																		
Epilepsy . . . . .	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
General paresis . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage . . . . .	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Circulatory system:																		
Acute myocarditis . . . . .	-	-	-	-	1	2	-	1	1	-	-	-	-	-	-	-	-	-
Chronic myocarditis . . . . .	-	-	-	1	1	2	2	5	7	-	-	-	-	1	1	-	-	-
Chronic val. heart disease . . . . .	-	-	-	-	3	3	-	-	-	1	-	1	-	-	-	-	-	-
Heart disease . . . . .	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Purpura hæmorrhagica . . . . .	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Cardio-renal disease . . . . .	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Sudden death (heart dis.) . . . . .	-	-	-	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
Respiratory system:																		
Pulmonary tuberculosis . . . . .	-	-	-	2	8	10	-	1	1	-	-	-	-	-	-	1	1	2
Pulmonary oedema . . . . .	-	-	-	-	-	-	3	-	3	-	-	-	-	-	-	-	-	-
Lobar pneumonia . . . . .	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Broncho-pneumonia . . . . .	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Asphyxia during seizure . . . . .	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Digestive system:																		
General peritonitis . . . . .	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Carcinoma of liver . . . . .	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
Intestinal obstruction . . . . .	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Carcinoma of stomach . . . . .	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Enteritis . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Urinary system:																		
Chronic interstitial nephritis . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carcinoma of breast . . . . .	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Sudden fracture of skull . . . . .	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
	-	1	1	7	20	27	9	10	19	1	1	2	-	1	1	1	2	3

TABLE 17. — *Age of Patients at Time of Death, Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			20-24 YEARS			25-29 YEARS			30-34 YEARS			35-39 YEARS			40-44 YEARS			45-49 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral syphilis . . . . .	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic . . . . .	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Manic-depressive . . . . .	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Involution melancholia . . . . .	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dementia præcox . . . . .	7	20	27	-	-	-	-	3	3	2	-	2	1	-	1	-	3	3	2	2	4
Epileptic . . . . .	9	10	19	2	-	2	1	1	2	2	-	2	-	2	2	2	-	2	1	1	2
With mental deficiency . . . . .	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undiagnosed . . . . .	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Without psychosis . . . . .	1	2	3	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	-	-	-
	21	39	60	2	-	2	1	4	5	5	-	5	1	3	4	2	3	5	4	3	7

TABLE 17. — Age of Patients at Time of Death, Classified with Reference to Principal Psychoses — Concluded

PSYCHOSES	50-54 YEARS			55-59 YEARS			60-64 YEARS			65-69 YEARS			70-74 YEARS			OVER 75 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile.....	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
With cerebral syphilis.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic.....	-	-	-	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-
Manic-depressive.....	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-
Involution melancholia.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Dementia præcox.....	-	-	-	1	2	3	-	1	1	1	3	4	-	5	5	-	1	1
Epileptic.....	1	3	4	-	-	-	-	-	-	2	2	-	1	1	-	-	-	-
With mental deficiency.....	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-
Undiagnosed.....	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
Without psychosis.....	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
	1	4	5	2	2	4	1	4	5	1	8	9	1	6	7	-	2	2

TABLE 18. — Total Duration of Hospital Life of Patients Dying in Hospital, Classified According to Psychoses

PSYCHOSES	TOTAL			LESS THAN 1 MONTH			1-3 MONTHS			1-4 YEARS			5-9 YEARS			10-14 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile.....	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
With cerebral syphilis.....	-	1	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Alcoholic.....	2	1	3	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Manic-depressive.....	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Involution melancholia.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dementia præcox.....	7	20	27	-	1	1	-	-	-	1	1	-	6	6	3	2	5	-
Epileptic.....	9	10	19	-	-	-	1	1	5	-	5	1	2	3	1	-	-	1
With mental deficiency.....	1	1	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Undiagnosed.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Without psychosis.....	1	2	3	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
	21	39	60	-	1	1	1	-	1	5	1	6	4	10	14	4	3	7

TABLE 18. — Total Duration of Hospital Life of Patients Dying in Hospital, Classified According to Psychoses — Concluded

PSYCHOSES	15-19 YEARS			20-24 YEARS			25-29 YEARS			30-34 YEARS			35-39 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral syphilis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic.....	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive.....	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
Involution melancholia.....	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Dementia præcox.....	2	2	4	1	5	6	-	2	2	1	-	1	-	1	1
Epileptic.....	1	5	6	1	-	1	-	2	2	-	-	-	-	-	-
With mental deficiency.....	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Undiagnosed.....	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Without psychosis.....	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-
	4	8	12	2	7	9	-	6	6	1	1	2	1	1	2

TABLE 19. — Family Care Department

	M.	F.	T.
Remaining Sept. 30, 1924.....	1	9	10
Admitted within year.....	4	2	6
Whole number of cases within year.....	5	11	16
Dismissed during year.....	4	3	7
Remaining Sept. 30, 1925.....	1	8	9
Supported by State.....	-	5	5
Self-supporting.....	1	3	4
Number of different persons within year.....	3	10	13
Number of different persons dismissed within year.....	2	3	5
Daily average number.....	.5716	7.8305	8.4021
State average number.....	.102	5.166	5.268

